

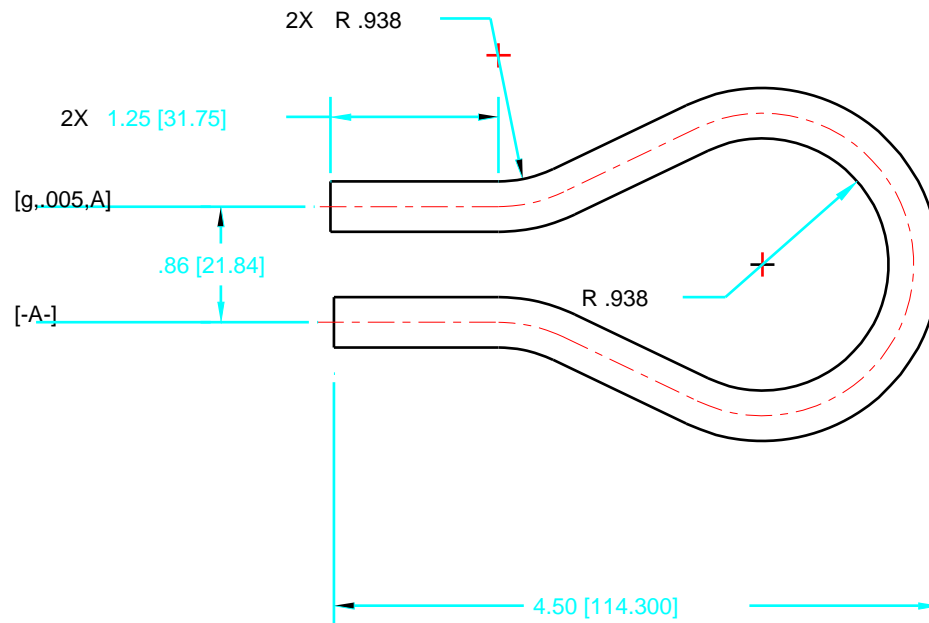
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PLOT SCALE: 1=1

DWG. SCALE: 1

NOTE:

1. HIGH QUALITY FULLY ANNEALED SEAMLESS TYPE 316, AUSTENITIC STAINLESS STEEL HYDRAULIC TUBING ASTM A213, A269, A632 OR EQUIVALENT. HARDNESS Rb80 OR LESS. TUBING TO BE FREE OF SCRATCHES. O.D. TOLERANCE NOT TO EXCEED -.003 .
2. USE PROPER TUBE BENDER TO BEND THE TUBE. KEEP THE TUBE ENDS STRAIGHT AND PROPER ROUNDNESS WITHOUT SCRATCH.
3. BOTH I.D. AND O.D. OF TUBES SHOULD BE DEBURRED AFTER CUTTING.
4. ALL DIMENSIONS WITH [] ARE MILLIMETERS.



ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS X - .015 XX - .010 XXX - .005 ANGULAR - .25 SURFACE ROUGHNESS 125 REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5 DO NOT SCALE DRAWING		LOG NUMBER A2339100 DRAWN BY MUSCIA CHECKED BY J. CHANG DESIGNER J. CHANG/MUSCIA RESPONSIBLE ENGINEER J. CHANG MATERIAL SST 316 .375 ODX.035 WALLx10.53 LG	THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY CHIEF DESIGN ENGINEER D. SHU GP LEADER T.M. KUZAY PROJECT MGR. APPROVED/RELEASED SCALE 1:1 SHEET 1 of 1	TITLE ADVANCED PHOTON SOURCE M3 BM FRONT END EXIT MASK COOLING TUBE BM 2 DRAWING NUMBER P4102020101-240004-00